

# FILE NOTATIONS

Entered in NID File ☒ \_\_\_\_\_  
 in Q-GR Sheet \_\_\_\_\_  
 Location Map Pinned \_\_\_\_\_  
 in Boxed ☒ \_\_\_\_\_  
 1 State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA

Date Well Completed \_\_\_\_\_  
 OW \_\_\_\_\_ VW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
 Band refers to \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Drill Log \_\_\_\_\_  
 Electric Logs (No. ) \_\_\_\_\_

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

**PLACID OIL COMPANY  
2380 BENEFICIAL LIFE TOWER  
36 SOUTH STATE STREET  
SALT LAKE CITY, UTAH 84111**

February 6, 1980

**CONFIDENTIAL**

Mr. Mike Minder  
State of Utah  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

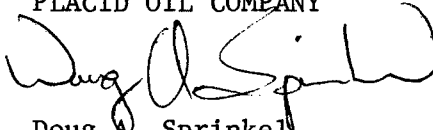
RE: Placid Oil Company  
WXC-USA #1-2  
NWSW Sec. 24-T19S-R2W

Dear Mr. Minder:

Placid Oil Company is requesting an exception to Rule C-3(b) of the Oil and Gas Commission Rules and Regulations for the above captioned well due to topography. A normal drill site for the above captioned well would be located in a stream drainage and would require an extensive amount of dirt work to prevent damage to the location during peak runoff times. The location as described on the surveyor's location plat places the drill site east of the drainage and it would require less dirt work and restoration. Thus, we are asking the Division of Oil, Gas, and Mining for this exceptional location due to topography.

Sincerely,

PLACID OIL COMPANY

  
Doug A. Sprinkel  
Geologist

**RECEIVED**

FEB 07 1980

DAS/kw

DIVISION OF  
OIL, GAS & MINING

# PLACID OIL COMPANY

2380 BENEFICIAL LIFE TOWER

36 SOUTH STATE STREET

SALT LAKE CITY, UTAH 84111

February 7, 1980

District Engineer  
U.S. Geological Survey  
Conservation Division Oil and Gas  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

RE: Placid Oil Company  
WXC-USA #1-2  
NWSW Sec. 24-T19S-R2W  
Millard County, Utah

Dear Sir:

Enclosed please find the following (triplicate) relative to the above captioned well:

1. Application For Permit to Drill, Deepen, or Plug Back.
2. NTL-6 Multipoint Surface Use and Operations Plan
  - a. Surveyor's Location Plat
  - b. Planned Access Routes
  - c. BOP Diagram
  - d. Rig Pad Diagram
  - e. Rig and Location Layout Diagram
  - f. Production Facilities Layout Diagram.
3. Grant of Right-Of-Way and Easements.

Sincerely,

PLACID OIL COMPANY



Doug A. Sprinkel  
Geologist

DAS/kw

Enclosures

**CONFIDENTIAL**  
SUBMIT IN TRIPlicate  
Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-B1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-13823	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Placid Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, 36 So. State, SLC, UT 84111			8. FARM OR LEASE NAME WXC-USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1800.0' FSL; 1020.0' FWL Section 24-T19S-R2W At proposed prod. zone Same as above NWSW			9. WELL NO. #1-2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.4 Miles SSE of Scipio, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1800.0' N of U-13824			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T19S-R2W	
16. NO. OF ACRES IN LEASE 2468.68			12. COUNTY OR PARISH Millard	
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No wells have been drilled on this lease			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6545 GR			22. APPROX. DATE WORK WILL START* February, 1980	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See Attachment

Tight Hole**RECEIVED**

FEB 07 1980

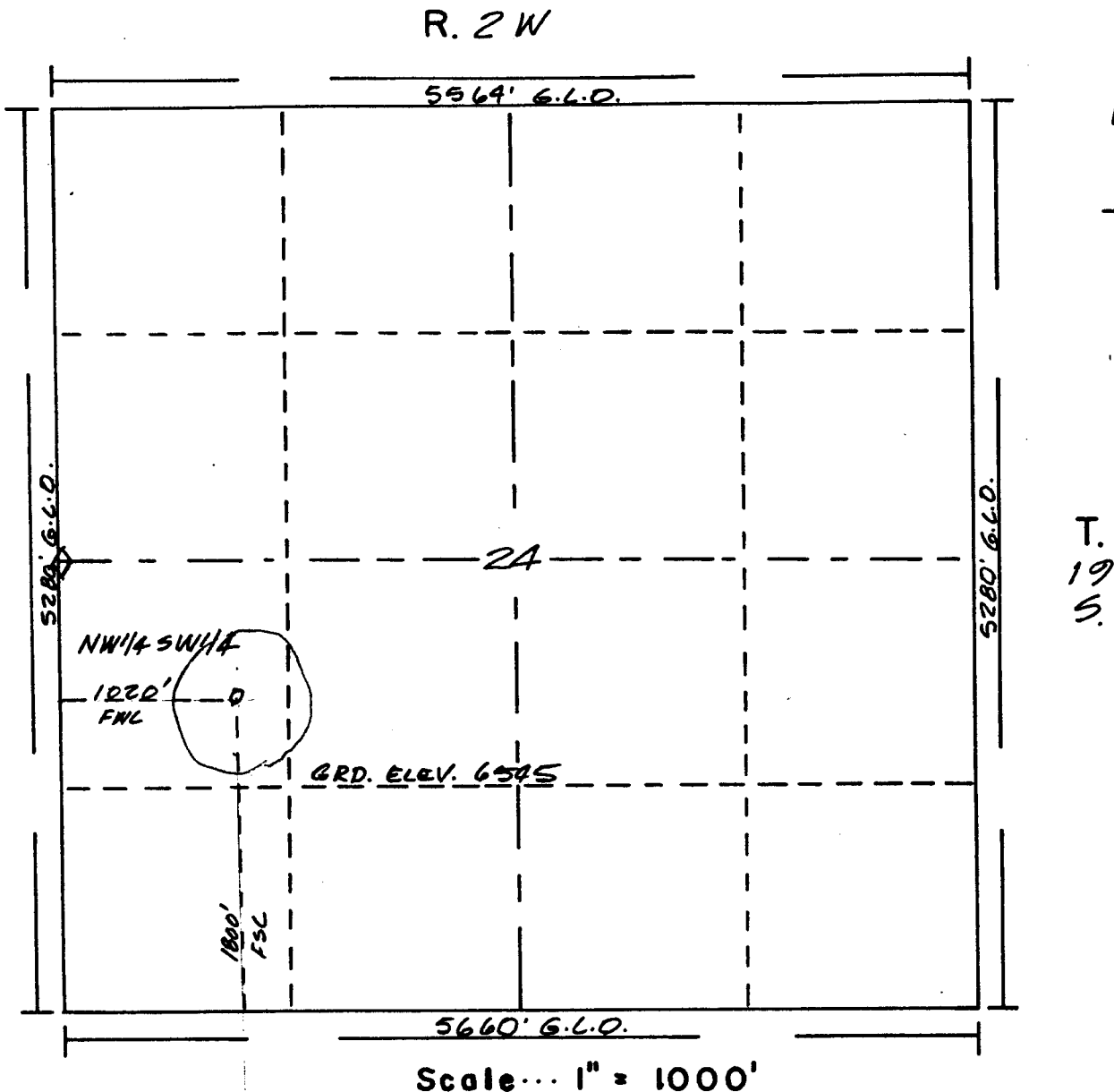
DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wang A. Sprinkel TITLE Geologist DATE 2-7-80  
Doug A. Sprinkel

(This space for Federal or State office use)

PERMIT NO. 43-027-30018 APPROVAL DATE 2-8-80APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

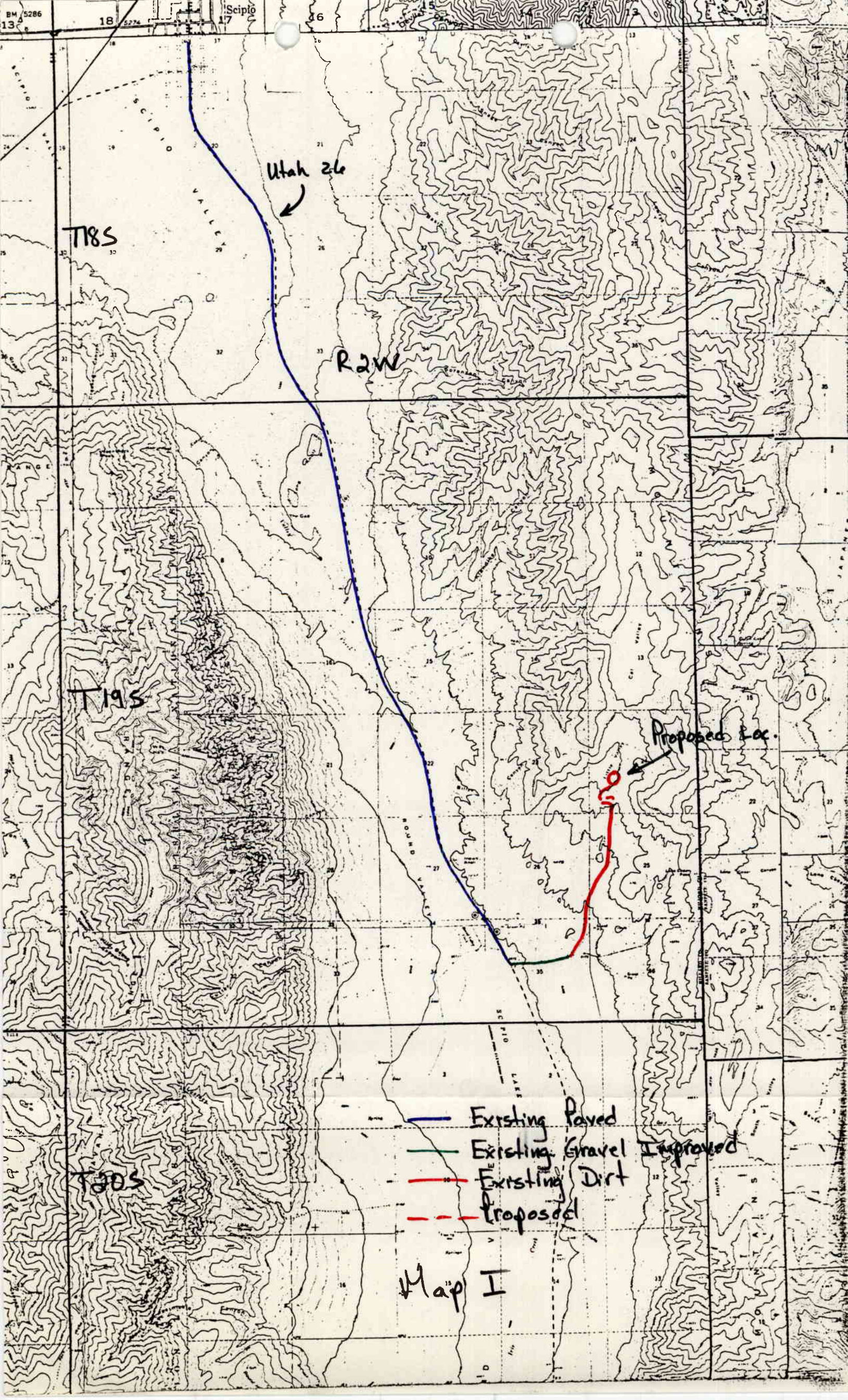


Powers Elevation of Denver, Colorado  
has in accordance with a request from DOUG SPRINKEL  
for PLACID OIL CO.  
determined the location of 1-2 WXL - U.S.A.  
to be 1800' FSL, 1020' FWL Section 24 Township 19S.  
Range 2 WEST OF THE SALT LAKE BASE 2 Meridian  
MILLARD County, UTAH

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
1-2 WXL - U.S.A.

Date: 1-30-80

Jerry D. Becker  
Licensed Land Surveyor No. 4189  
State of UTAH



Utah 26  
↙

R2W

Proposed Rte.  
↙

- Existing Paved
- Existing Gravel Improved
- Existing Dirt
- - - Proposed

Map I

22W

Cal Valley

Ralph Lund Spring

Browse Canyon

Proposed Loc  
60X-USA # 152  
NWSA 24-195-2W  
Millard Co, Utah

Proposed access route

Existing Dirt trail

Lone Cedar Pass

Lone Cedar Canyon

Scipio  
9 miles

SCIPIO

LAKE  
T20S

NORMAL POOL ELEVATION 5961

- Existing Paved
- Existing Gravel Improved
- Existing Dirt
- Proposed

MILLARD CO  
SANPETE CO

Map II

Utah Valley

FROM: DISTRICT GEOLOGIST, MT SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 11-13823

OPERATOR: Placid Oil

WELL NO. 1-2

LOCATION: 1/4 NW 1/4 SW 1/4 sec. 24, T. 19S, R. 2W, 9th ME  
Millard County, Utah

Stratigraphy: North Horn Fm - surface  
Indianola GP - 1500?  
Twist Gulch/Arapien - 4500?  
Carmel (= Twin Creek) LS - 8300  
Navajo SS 8500  
Virgin LS 12,950  
Kaibab LS 13,400

Humburg SS 15,200  
Tintic Qtz 18,300

Fresh Water:

possible in North Horn and Indianola to about 3000'

Leasable Minerals:

possible production - Twin Creek, Navajo, Virgin + Kaibab.

Additional Logs Needed:

adequate

Potential Geologic Hazards:

Fm.

possible salt + anhydrite in Arapien

References and Remarks:

UGA pub #2, 1972 - Plateau-Basin + Range Transition Zone.

Signature: [Signature]

Date: 2-12-80

Oil and Gas Drilling

EA #166-80

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date March 7, 1980

Operator: Placid Oil Company Project or Well Name and No.: 1-2  
Location: 1800' FSL & 1220' FWL Section: 24 Township: 19S Range: 2W  
County: Millard State: Utah Field/Unit: Wildcat  
Lease No.: U-13823 Permit No.: N/A  
Joint Field Inspection Date: February 26, 1980

Prepared By: George Diwachak

Field Inspection Participants, Titles and Organizations:

George Diwachak	Environmental Scientist	USGS
Birrell Hirschi	Surface Protection Specialist	BLM
Gus Cassity	Operations Manager	Placid Oil Company
Jim Fish	Drilling Foreman	Placid Oil Company
George Condo	Contractor	Condo Construction

lj 3/24/80

*Pool 400 x 450  
Incl Pit 150 x 250  
5/10 mi x 35' new access  
17/10 mi upgrade trail  
Loc moved 200' S and  
8 1/2' S and  
Mitigators Pg 8  
Noted - G. Diwachak*

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah

County: Millard

1800' FSL, 1220' FWL, NW 1/4, SW 1/4

Section 23, T19S, R 2W, SL M

2. Surface Ownership Location: Public

Access Road: Public

Status of  
Reclamation Agreements:

A. Right-of-Way agreement between Placid Oil Company and L.W. Gardner Company, for use of the existing road in S1/2, NE 1/4/

3. Dates APD Filed: February 8, 1980.

APD Technically Complete: February 11, 1980.

APD Administratively Complete:

4. Project Time Frame

Starting Date: Upon Approval.

Duration of Drilling activities: 500 days. <sup>2,</sup>

<sup>2,</sup>  
A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year. revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of variance requests:

Exception to 30 CFR, 221.20 - 200' Rule must be received since the location was moved to 1800' FSL and 1220' FWL.

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 400' wide x 450' long including a reserve pit 150' x 250' would be constructed. Approximately 0.5 mile of new access road, averaging 30 feet in total disturbance with a 20 foot wide running surface and approximately 1.5 miles of existing trail would be improved to the same specifications from a maintained road. About 8.5 acres of disturbed surface would be associated with the project.
2. Drilling.
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved to 200 feet east to avoid potential impacts to a nearby drainage. ✓

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: Regional topography is mountainous along the Overthrust Hingeline. The location is situated in Little Valley, a northeast-southwest trending valley within the Valley Mountains. Slopes in the valley approach 5% to the east and drainage is west northwest toward the Little Valley Wash.

PARAMETER

A. Geology Operator's geologic tops appear reasonable with minor changes near the surface, per the Mineral Evaluation Report. The well would test the Hingeline of the Overthrust Belt for potential hydrocarbons.

Information Source: Mineral Evaluation Report, Mining Report, "Plateau-Basin & Range Transition Zone" - Baer and Callagan.

1. Other Local Mineral Resources to be Protected: None.

Information Source: Mineral Evaluation Report, Mining Report.

2. Hazards: Lost circulation could be encountered in the Twist Gulch/Arapien Formation due to possible salt/anhydrite zones.

Information Source: Mineral Evaluation Report.

a. Land Stability: The location and access road would be constructed on flat to gently sloping soil and no instability of surface is expected.

Information Source: Field Observation.

b. Subsidence: The withdrawal of fluids could cause subsidence. but none is expected.

Information Source: "Environmental Geology" - Keller.

c. Seismicity: The wellsite is in an area of moderate to major seismic risk. The drill rig would be constructed on a cement pad providing a relatively stable base.

Information Source: APD, "Geologic Atlas of the Rocky Mountain Region"

d. High Pressure Zones/Blowout Prevention: Operator has drilled fee wells throughout region and has not encountered any high pressure zones. None are expected while drilling this well. Blowout prevention systems are detailed in the APD.

Information Source: APD.

B. Soils:

1. Soil Character: Soils are sandy clay alluvium deposited from the surrounding hillsides. No detailed soil survey has been performed in area. Soil fertility could be altered since topsoil would be removed, stockpiled and redistributed.

Information Source: Field Observation.

2. Erosion/Sedimentation: Erosion/sedimentation would increase. No accurate determinations can be made without site specific studies. Construction of a berm around the uphill side of location would reduce sedimentation.

Information Source: Field Observation, "Soils of Utah" - Wilson.

C. Air Quality: The wellsite is in a Class II Attainment Area. Air quality would decrease slightly due to equipment and vehicle emissions and travel over unpaved roads.

Information Source: Bureau of Land Management, Field Observation.

D. Noise Levels: Noise levels would increase in the area from machinery and vehicle operations and impact wildlife and livestock in a distributional sense.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character:

Surface waters: A non-perennial drainage, the only major watercourse in Little Valley runs in a general southerly direction to Scipio Lake. Moving the location 200 feet east would reduce potential impacts to the watercourse as the west edge of the original location encroached upon the wash. Constructing a berm along the uphill (east) side of the location to divert drainage would reduce siltation to the valley's wash.

Information Source: Field Observation.

b. Ground Waters: A water well would be drilled for drilling use. Necessary permits are required. Fresh water is expected in the North Horn Formation and Indianola group to a depth of 3000 feet. Inadequate casing and cementing programs could cause interaquifer leakage.

Information Source: APD, Mineral Evaluation Report, Field Observation.

2. Water Quality

a. Surface Waters: No substantial amounts of sediment discharges are expected. The potential for a spill of oil, water or drilling fluids is possible and could affect the nearby non-perennial drainage. Moving the location, and constructing the reserve pit using Keyway techniques would reduce spill potential.

Information Source: Field Observation.

b. Ground Waters: Fresh water is possible to a depth of 3000 feet. The proposed 3000 feet surface casing should be adequate to protect aquifers.

Information Source: Mineral Evaluation Report.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the Bureau of Land Management on March 3, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Grasses, sagebrush, rabbitbrush, and few pinyon and juniper trees predominate on the valley floor. Pinyon and juniper predominate the surrounding hillsides. About 8.5 acres of vegetation would be removed for the duration of the project till revegetation occurs.

Information Source: Bureau of Land Management, Field Observation.

3. Fauna: Deer, various rodents, songbirds and occasional raptors predominate. Other than noise and the intrusion of man into a relatively remote area, the project would pose minimal impacts to area wildlife populations.

Information Source: Bureau of Land Management, Field Observation.

G. Land Uses

1. General: Limited cattle grazing and some recreation (hunting) occur in the region. Vegetation removal would affect grazing to a limited degree.

Information Source: Bureau of Land Management, Field Observation.

2. Affected Floodplains and/or Wetlands: None.

Information Source: Field Observation.

H. Aesthetics: The operation does not blend in with the natural surroundings and presents a visual impact for the duration of the project.

Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: The effects of one well on local and regional population and economy would be negligible. Increased population and economic activity would be expected if a major discovery is made. Present transportation and pipeline routes would need to expand.

Information Source: Field Observation.

- J. Cultural Resources Determination: Based on the formal comments received from the Bureau of Land Management on March 3, 1980, we determine that there would be no effect on cultural resources subject to this action.

Information Source: Bureau of Land Management.

- K. Other: None.

Information Source:

- L. Adequacy of Restoration Plans: The rehabilitation plan meets the minimum standards of NTL-6. The Bureau of Land Management has accepted the rehabilitation program as modified by the enclosed recommended stipulations. The area's short growing season and limited precipitation would govern restoration success.

Information Source: Bureau of Land Management, Field Observation.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.
2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.
3. Other.

Adverse Environmental Effects:

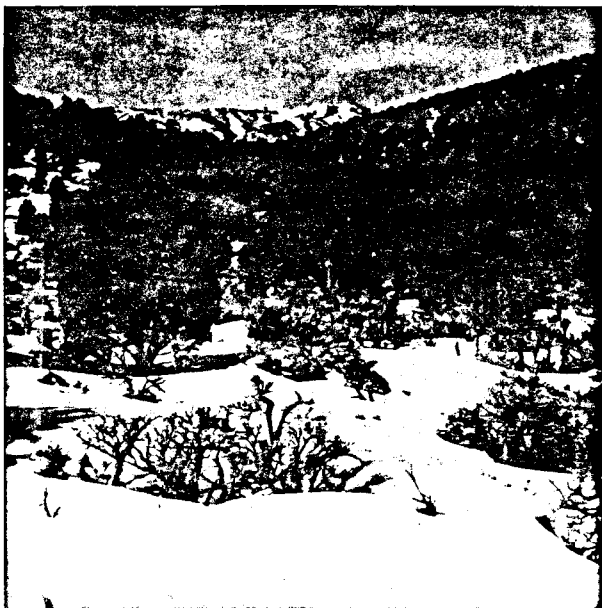
1. If approved as proposed:
  - a. About 8.5 acres of vegetation would be removed, increasing and accelerating erosion potential.
  - b. Pollution of groundwater systems would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
  - c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Scipio Lake. The potential for pollution to the Little Valley drainage would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

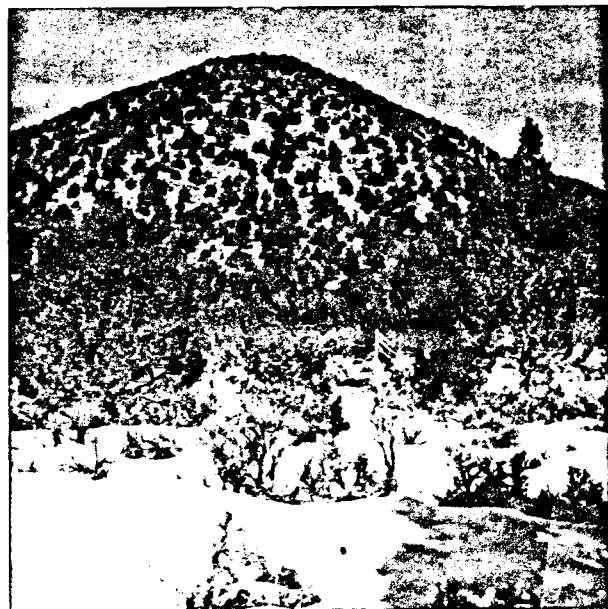
2. Conditional Approval:

All adverse impacts described in section one above would occur, except: 

- a. Painting permanent equipment a color to blend with the existing environment would reduce visual impacts. —
- b. Moving the location 200 feet east would reduce the potential of fluid spills from reaching the drainage at the west edge of the valley. —
- c. Constructing a berm along the uphill (east) side of the location would reduce siltation to area waterways. —
- d. Constructing the reserve pit using Keyway techniques would reduce the potential for reserve pit failure. —



original hole location  
facing West



original hole location  
facing North



New hole location  
facing Southeast

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. ✓
2. See attached BLM Stipulations. ✓
3. The hole location will be moved 200 feet east to 1800' FSL & 1220' FWL. ✓
4. An erosional control berm shall be constructed along the uphill side of the location to divert drainage around the location. ✓
5. The reserve pit shall be constructed using Keyway techniques, compacting the dikes in lifts. ✓
6. If the well would become a producer, all permanent equipment will be painted a color to blend with the surrounding environment. ✓

Controversial Issues and Conservation Division Response:

None.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 *E. W. Sany* *Distr. Engr*  
Signature & Title of Approving Official

*3/26/80*  
Date

#### SELECTED REFERENCES

1. Baer, J.L., and E. Callaghan, 1972. Plateau - Basin and Range Transition Zone, Central Utah: Utah Geological Association Publication 2, Salt Lake City, Utah, 126 p.
2. Keller, E.A., 1976, Environmental Geology: C.E. Merril Publishing Company, Columbus, Ohio. 488 p.
3. Rocky Mountain Association of Geologists, 1972, Geologic Atlas of the Rocky Mountain Region: Denver, Colorado. 331 p.
4. Wilson, LeMoyne, et.al, 1975, Soils of Utah: Agricultural experiment Station, Bulletin 492, Utah State University, Logan, Utah. 94 p.

PLACID OIL COMPANY  
WXC-USA #1-2  
NWSW 24-T19S-R2W  
Millard County, Utah

1. Surface Formation

Tertiary-Cretaceous North Horn

2. Geologic Markers

Twin Creek ls	8,300'
Navajo ss	8,500'
Virgin ls	10,375'
Thrust Fault	12,000'
Virgin ls	12,950'
Kaibab ls	13,400'
Humbug ss	15,200'
Tintic Quartzite	18,300'

3. Water, Oil and Gas Zones

Twin Creek	8,300'	Oil & Gas
Navajo	8,500'	Oil
Virgin	10,375'	Oil & Gas
Kaibab	13,400'	Oil

If any other zones produce water, they will be adequately protected and reported.

4. Proposed Casing Program

<u>Size</u>	<u>Wt.</u>	<u>Grade</u>	<u>Thread</u>	<u>Depth</u>	<u>Collapse Resistance</u>	<u>Internal Yield</u>	<u>Cmt.</u>
16"	84#	K 55	ST&C	3000'	1410 psi	2980 psi	1000 sx light 300 sx class G
10-3/4"	60.7#	P110	Butt	13000'	5860 psi	9760 psi	950 sx light 300 sx class G
8-5/8" Liner	44#	P110	SFJP	16000'	8400 psi	11160 psi	450 sx class G
*6-5/8" Liner	32#	P110	SFJP	18600'	13200 psi	13800 psi	500 sx class G

\* Will be set in the event of indicated production.

5. Pressure Control Equipment

Operator's minimum specifications for pressure control equipment is a 13-5/8" - 5,000 psi double gate, Hydril blow out preventor. See attached diagram. Equipment will be pressure tested prior to drilling out from under surface casing to its full working pressure rating. Operational tests will be made daily. (Diagram I)

6. Mud Program

Fresh water spud will be used from surface to approximately 3000'. A gel-chemical mud will be used from 3000' to TD.

Weight - 9.0#

Viscosity - 30-45

Fluid Loss - Below 10cc

PLACID OIL COMPANY  
WXC-USA #1-2  
NWSW 24-T19S-R2W  
Millard Co., Utah

7. Auxiliary Equipment

1. Upper and lower kelly cocks will be kept in the string at all times.
2. Floats at the bit will be used.
3. The mud system will be monitored with alarmed pit indicators and/or an alarmed flow sensor.
4. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.

8. Evaluation Program

Mud Logging: A 24 hour-manned unit will be on location from surface to TD to monitor gas and H<sub>2</sub>S. Commercial shows of oil and gas will be drill-stem tested. Anticipated zones to be tested include the Twin Creek, Navajo, and Virgin. No cores are planned.

Electrical Logging: The following E-Logs will be run from base of 30" conductor to TD.

1. Dual Induction Laterolog. If mud becomes saline, a Dual Laterolog will be run instead.
2. Compensated Formation Density/CNL
3. BHC Sonic
4. Dipmeter
5. Fracture Identification Log--will be run over zones of interest. Frac. jobs or other stimulation is not planned.

9. Abnormal Conditions

No abnormal pressures, temperatures, or potential hazards, such as hydrogen sulfide gas are expected.

10. Drilling Activity

Drilling will commence on or about March 1, 1980.

PLACID OIL COMPANY  
WXC-USA #1-2  
NWSW 24-T19S-R2W  
Millard Co., Utah

Page 1

NTL-6 Multipoint Requirements

1. Existing Roads

- A. Refer to Maps I and II. Survey plat is attached.
- B. Refer to Maps I and II. Well access road leaves Utah State Highway 26 approximately nine miles SSE of Scipio.
- C. Refer to Maps I and II.
- D. Refer to Maps I and II. Utah State Highway 26 is the only paved road. An unimproved dirt road follows Round Valley Creek approximately 2.5 miles west of the proposed location. An improved gravel road (green) will be used as an access road from Utah 26 for 3/4 miles. Other Jeep trails are scattered north, south and west of the proposed location.
- E. This is not a development well.
- F. An existing road to be used for well access from Utah 26 is an improved gravel road marked in green on Maps I and II. No improvements will be necessary. In solid red is an existing jeep trail which will be used for about 1½ miles and required improvements noted in (2). Approximately ½ mile of new access road marked in dash red will be needed and requirements for the new access is noted in (2).

2. Planned Access Roads - See Map II & III

The proposed access route, as well as the proposed drill site, has been inspected and given archaeological clearance by the Fillmore District of the B.L.M.

Improvements of existing trail (solid red) and proposed new access road (dashed red).

- A. Width - 30.0' maximum with a 20.0' crown.
- B. Maximum grade - 5%
- C. No turnouts are required.
- D. Drainage design will be consistent with local drainage slope and direction.
- E. Any necessary culverts will be noted during the on-site inspection and added to the NTL-6 at that time. No major cuts and fills are required. Some minor cuts and fill will be required where the road needs to be widened to accomodate the heavy equipment that will use the road.
- F. Surfacing material - Native gravel will be purchased locally and used to gravel access road and location pad.
- G. Any necessary gates, fence cuts or cattle guards will be noted during the on-site inspection and added to the NTL-6 at that time.
- H. New access road to be constructed (dashed in red on Map II) is center line flagged.

Page 2

3. Location of Existing Wells (within a two mile radius)

- A. No water wells
- B. No abandoned wells
- C. No temporarily abandoned wells
- D. No disposal wells
- E. No drilling wells
- F. No producing wells
- G. No shut-in wells
- H. No injection wells
- I. No other monitoring or observation wells for other resources

4. Location of existing and/or proposed facilities

- A. Facilities owned or controlled by operator
  - 1. Tank batteries - none
  - 2. Production facilities - none
  - 3. Oil gathering lines - none
  - 4. Gas gathering lines - none
  - 5. Injection lines - none
  - 6. Disposal lines - none
- B. Contemplated facilities in the event of production. (Figure 3)
  - 1. tank batteries will be constructed on location
  - 2. production facilities will require an area approximately 100' x 150'
  - 3. tank batteries will be constructed on the location pad so that no outside materials will be needed. Pole trucks will be used to maneuver and set equipment. A backhoe will be used to dig trenches and bury lines.
  - 4. in order to protect livestock and wild life, pits will be fenced. If installed, the pumping unit will also be fenced.
- C. Rehabilitation Plans-  
Disturbed areas no longer needed for operations will be bladed to approximate original contours and reseeded with a seed mixture agreed to by the BLM

5. Location and Type of Water Supply

- A. Water will be obtained from the Scipio Irrigation Company through Mr. N. Monroe if a water well is not successful.
- B. If water cannot be obtained from a water well on location, water will be trucked. There is an existing road from Utah State Highway 26 into the water source. (See Map I)
- C. A water well will be drilled on the drilling location. The approximate depth of the water well will be 1500'. The water well is not expected to penetrate potential hydrocarbon zones.

Page 3

6. Source of Construction

- A. Construction materials will be obtained as much as possible from the proposed drilling site. Some outside native gravel will be needed to gravel access road and drill pad. This gravel will be purchased locally.
- B. Surface is owned by BLM
- C. See A.
- D. No access roads for construction materials are needed.

7. Methods for Handling Waste Disposal

- A. Cuttings will be retained in the reserve pit.
- B. Drilling fluids will be retained in the reserve pit or mud tanks.
- C. Any produced water will be retained in the reserve pit. Oil will be collected in the reserve pit or tanks. If volume is sufficient it will be trucked from the location.
- D. A portable toilet will be provided to handle sewage. Any sewage from trailers will be collected in pits and buried.
- E. Garbage and other waste materials will be collected in a trash pit fenced with small mesh wire. Combustible material will be burned at the conclusion of operations.

8. Ancillary Facilities

No camps or airstrips will be constructed

9. Well Site Layout

- A. Plat of drill pad (See Figure I). Other than cement pad (figure I) cut and fill will only involve scraping topsoil as location is virtually flat.
- B. Rig layout plan showing mud tanks, pits, pipe racks, trailers, soil stockpiles, etc. (See Figure II).
- C. Rig Layout (See Figure II).
- D. The pit will be unlined

10. Plans for Restoration of Surface

- A. In the event of a dry hole, pits will be allowed to dry and then be backfilled. Waste pits will also be backfilled and the location will be restored to as near original contour as possible and reseeded. In the event of a producing well, the pits will be fenced. Waste pits will be backfilled. Stockpiled top soil will be distributed over the location. All spoils will be segregated with respect to combustability and burned or buried.
- B. Revegetation will be achieved by seeding according to BLM requirements as to seed mixture and procedure.

PLACID OIL COMPANY, WXC-USA #1-2  
NWSW Sec. 24-T19S-R2W  
Millard County, Utah

Page 4

10. C. Pits will be fenced prior to rig release.  
D. Overhead flagging will be installed if oil is on the pits.  
E. Rehabilitation operations will begin as soon as possible after the rig is off location. The pits will be allowed to dry and then backfilled. Reseeding will take place as directed by the B.L.M. Rehabilitation operations should be completed within twelve months of the conclusion of drilling operations.

11. Other Information

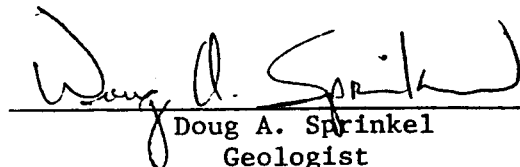
- A. Topography of the area is mountainous. The mountain area is composed of east dipping Norht Horn and Flagstaff Formations. They generally consist of sandstone and limestone. The main flora is Rabbit bush, sage brush, thick spike wheat grass, crested wheat, flocks, and some clover. These species of flora have invaded an old cultivated area. The main fauna consist of deer, rabbits, small reptiles, and various species of birds.
- B. There is no surface activity at the present time; however, this area used to be cultivated. The access road generally crosses B.L.M. lands.
- C. The nearest water is found in Scipio Lake about 5 miles southwest of location. The nearest occupied dwelling is the town of Scipio which is about 6.4 miles NNW. Birrell E. Hirschi of the B.L.M. inspected the access road and proposed location and there are no archeological, historical or cultural sites known in the general area.

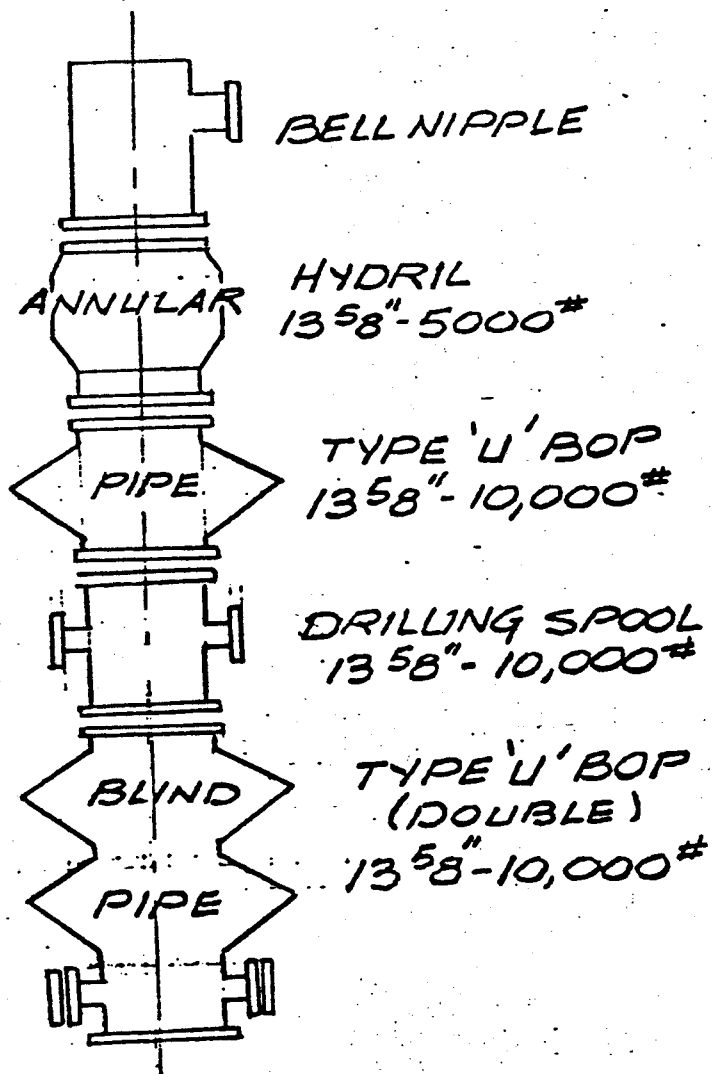
12. Operator's Representative

Doug A. Sprinkel  
2830 Beneficial Life Tower  
36 South State Street  
Salt Lake City, UT 84111 (801) 532-5005

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Placid Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

February 5, 1980

  
\_\_\_\_\_  
Doug A. Sprinkel  
Geologist



PENROD 20 & 23  
BOP ARRANGEMENT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DUPLICATE

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-13823		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Placid Oil Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, 36 So. State, SLC, UT 84111			8. FARM OR LEASE NAME WXC-USA		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1220' 1800.0' FSL; 1020.0' FWL Section 24-T19S-R2W At proposed prod. zone Same as above NWSW			9. WELL NO. #1-2		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.4 Miles SSE of Scipio, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1800.0' N of U-13824			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T19S-R2W		
16. NO. OF ACRES IN LEASE 2468.68			12. COUNTY OR PARISH Millard		
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No wells have been drilled on this lease 18,600'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6545 GR			22. APPROX. DATE WORK WILL START* February, 1980		

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See Attachment

TIGHT HOLE

State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1558 West North Temple  
Salt Lake City, Utah 84116RECEIVED  
APR 14 1980DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Doug A. Sprinkel TITLE Geologist DATE 2-7-80  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE FOR E. W. GUYNN  
DISTRICT ENGINEER  
APPROVED BY (ORIG. SGE) E. W. GUYNN TITLE \_\_\_\_\_ DATE APR 10 1980  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

Utah State oil &amp; gas

FLARING OF  
GAS IS SUBJECT TO NL 4-A  
DATED 1/1/80

USO 3110-1  
1/70

3110  
U-13823

#### STIPULATION

As to lands administered by the Bureau of Land Management under the above oil and gas lease, the lessee hereby agrees that the following stipulations are by this reference incorporated as terms and conditions of said lease:

Before undertaking any exploratory operations involving use of bulldozers, earth-moving, or similar mobile equipment which may result in scarring of public lands, damaging surface resources, or inducing erosion thereon, he or his designee shall submit in writing to the Bureau of Land Management District Manager in the District in which the land is located, advance notice of such operation. Said operations include but are not limited to exploratory drilling, construction of access roads or airstrips, and the conduct of seismic operations.

ACID OIL COMPANY

By: W. F. Dalton President

Lessee



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
HOUSE RANGE RESOURCE AREA  
Fillmore, Utah 84631

IN REPLY REFER TO

3200  
U-501

February 28, 1980

U. S. Geological Survey  
Conservation Division  
2000 Adam Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

Attn: George Diwachak

Gentlemen:

On Tuesday, February 26, 1980, a joint well site and access road investigation of Placid Oil Corporation's wildcat well site in NW $\frac{1}{4}$ SW $\frac{1}{4}$  Sec. 24, T. 19 S., R. 2 W, was conducted.

The site as staked is approved as well as the access road up from the Lone Cedar Road.

To mitigate the residual impacts of the area the following requirements should be made a part of the stipulations of the permit:

1. The access road is to be constructed on the present flagged center line. The road construction is to be as described in "Oil and Gas Surface Operating Standards for Oil and Gas Exploration and Development" handbook. Culverts of sufficient size to handle drainage will be placed at wash crossings. Barrow areas will be water barred to reduce erosion on sloped areas.
2. Vehicle travel to be restricted to existing road or to the newly constructed road.
3. If archaeological findings are encountered, all construction in that area will cease until area is cleared and approved by district manager.
4. All the drill pad and reserve pit areas will have the top 6" of top soil stockpiled for rehabilitation purposes.
5. Roadway barrow pits and slopes to be reseeded with the following mixture;



*Save Energy and You Serve America!*

SpeciesApplication Rate/acre

Crested wheatgrass	3#
Blue bunch wheatgrass	2#
Western wheatgrass	2#
Yellow sweet clover	3#

6. All disturbed areas upon completion of drilling operations will be leveled and stockpiled top soil will be evenly distributed over the disturbed drill area for reseeding purposes.
7. Upon completion or abandonment, all disturbed areas in Little Valley that are to be rehabilitated will be reseeded with the following mixture:

SpeciesApplication Rate/acre

Yellow sweet clover	3#
Western wheatgrass	2#
Crested wheatgrass	4#

The areas were inspected by district personnel for archaeological evidence and T&E species. The acres were found to be free of archaeological evidence and T&E plants, therefore, the preparation for drilling can proceed.

Copies of the archaeological and T&E reports are attached.

BLM representative for consulting will be: Birrell Hirschi  
Office phone 743-6811  
Home phone 743-5172

Sincerely yours,

*Thomas L. Green*

Area Manager

Enclosures 2

Encl. 1 - Copy of archaeological report

Encl. 2 - copy of T&E report

*Per telecon to Birrell Hirschi, location was moved 200 ft. East to avoid a wash - Move was inadvertently omitted when authoring stipulations.*

*YJD 3/3/80*



# United States Department of the Interior

IN REPLY REFER TO

2920  
U-501

BUREAU OF LAND MANAGEMENT  
HOUSE RANGE RESOURCE AREA  
Fillmore, Utah 84631

## STAFF REPORT

TITLE : Placid Oil Wildcat Drill Site Southend of Little Valley

DATE : February 26, 1980

AUTHOR: E. Birrell Hirschi, Surface Protection Specialist

### Land Description

T. 19 S., R 2 W.,  
Sec. 24, SW $\frac{1}{4}$ ,  
Sec. 25,  
Sec. 26,  
Sec. 35.

### Literature Search

#### 1. Endangered & Threatened Plants of Utah

A re-evaluation, unpublished manuscript, Brigham Young University, 33 p. (S.L. Welch, 1978).

2. Proposed threatened and endangered plants of Cedar City and Richfield District's, Utah. Submitted to the Bureau of Land Management by S.L. Welch, 1976.

3. Instruction Memorandum of 7/28/78 on proposed Threatened and Endangered Plants of Utah.

### On Ground Survey

Walked east and south edge of Little Valley on August 22, 1979, and walked the proposed wildcat well site on February 26, 1980. Proposed road area was walked full distance on August 21, 1979.

### Habitat Description

Outwash edge between ridge and valley floor; valley floor, ridge tops and valley edges.



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Principal Species

Juniper, Pinyon Pine, Big sagebrush, Kentucky Blue grass, Blue bunch wheatgrass, Western wheatgrass, rubber rabbit brush and various annuals.

Recommendation

No T&E plants found. I recommend the proposed action be approved.

*Timothy Hirsch*

Subject: Cultural Resources Survey/Clearance Report-Part A  
Date: February 27, 1980  
Author: Birrell Hirschi

1. Date of Field Operations: 02/26/80
2. Archaeological Technician:
3. Project (Case File # If Appropriate): Placid Oil Wildcat
4. County: Millard
5. BLM District Office: Richfield  
Resource Area: House Range
6. Legal Description: T. 19 S., R 2 W., Sec. 24 NW $\frac{1}{4}$ SW $\frac{1}{4}$
7. Map Reference: Scipio Lake
8. Project Description: Wildcat well site on south end of Little Valley
  
9. Field Examination Techniques: Walked site on east, west and north south transect lines.
  
10. Area & Environmental Setting:  
Soil: Silty, stoney loam  
Vegetation: Juniper, Pinyon, Sagebrush, Rabbit brush, Blue bunch wheatgrass.  
Fauna: Rodents, songbirds, occasional raptors.  
Hydrology: Scipio Lake
11. Findings: (Attach site forms, maps, any artifacts collected and photographs for each site). Briefly describe discovery and assign a CRES Rating.  
None
12. Recommended Mitigation Measures:  
None
13. Inventoried Acres: Two acres

"This Cultural Resources Investigation has been conducted in accordance with techniques described which are considered to have been adequate for evaluating any Cultural Resources that could be affected by this project. However, if during the course of any project activities that may be authorized subsequent to the submission of this report notable Cultural Resources should be discovered, care shall be exercised so as not to disturb such Resources and the Richfield District Manager shall be informed immediately."

Submitted By: E. Birrell Hirschi

Date: 02/27/80



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Richfield District Office  
150 East 900 North  
Richfield, Utah 84701

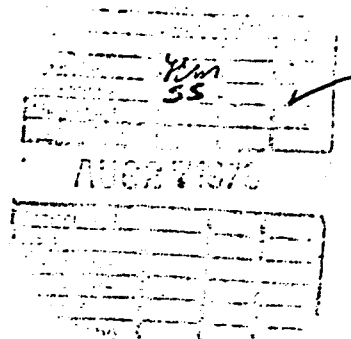
IN REPLY REFER TO  
8210  
(U-530)  
CR Report 71

## STAFF REPORT

TITLE : Cultural Resources Survey/Clearance Report -  
Paria Oil Well Road - Part I

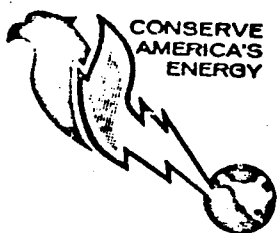
DATE : August 22, 1979

AUTHOR: Cindy R. Patterson



1. Date of Field Operations: August 22, 1979
2. Archaeologist: Cindy R. Patterson with assistance from B. Hirschi  
and Apryll Killpack, House Range Resource Area personnel.
3. Project: Paria Oil Well Road
4. County: Millard
5. BLM District Office Richfield  
Resource Area: House Range
6. Legal Description  
T. 19 S., R. 2 W., NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 13; NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 24; NW $\frac{1}{4}$ NW $\frac{1}{4}$  Section 25.
7. Map Reference: Scipio South 7.5' Quad.
8. Consultation/Existing Data Review: The National Register of Historic  
Places was consulted. There are no NR properties or nominees within  
the project area. The current BLM maps revealed no recorded sites  
within the project area.
9. Project Description:

This project is to upgrade an existing jeep road and build new road  
to an oil well site.



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10. Area And Environmental Setting:

Soil: Sandy, gravelly loam

Vegetation: P-J, manzanita, sage, ricegrass, oak,  
other wild grasses

Fauna: Deer, rabbits

Hydrology: No water sources near area of project.

11. Field Examination Techniques:

The center line of the proposed road was staked. This was walked in approximately 20 yard transect. The area around the well site was inspected.

12. Findings:

One (1) site was identified. This was a lithic chipping area with associated grayware ceramics. Lithics were chert and obsidian - no tools found.

13. Anticipated Impacts: If the road follows the staked areas, there should be no adverse impact on this site or any unidentified cultural resources.

14. Recommendations:

- a. All vehicle traffic will be confined to existing roads and surveyed areas.
- b. Personnel will refrain from collecting artifacts and other wise disturbing cultural resources in the vicinity.
- c. Should subsurface cultural resources be discovered during construction, construction will cease and the District Manager notified immediately. The cultural resource(s) will expeditiously be evaluated and mitigation measures, commensurate with the site's value and impact, instituted.
- d. Should it be necessary to deviate from the defined right-of-way, a cultural resource investigation will be conducted prior to disturbance.

15. Inventoried Miles

1.75 miles.

Cindy R. Patterson

cc. State Office (U-931)  
House Range Resource Area Manager

\* this project has temporarily been postponed —

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

DISTRICT ENGINEER, OS, SALT LAKE CITY, UTAH.

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 11-13823

OPERATOR: Placid Oil

WELL NO. 1-2

LOCATION: 1/4 NW 1/4 SW 1/4 sec. 24, T. 19S, R. 2W, 1/4 M.  
Milbert County, Utah

Stratigraphy: North Horn Fm - surface  
Indianola Gp - 1500?  
Twist Gulch/Arapien - 4500?  
Carmel (= Twin Creek) LS - 8300  
Navajo ss 8500  
Virgin LS 12,950  
Kaibab LS 13,400

Humboldt ss 15,200  
Tintic Qtz 18,300

Fresh Water:

possible in North Horn and Indianola to about 3000'

Leasable Minerals:

possible production - Twin Creek, Navajo, Virgin + Kaibab.

Additional Logs Needed:

adequate

Potential Geologic Hazards:

Fm.

possible salt / anhydrite in Arapien  
Lost Circulation

References and Remarks:

UGA pub #2, 1972 - Plateau-Basin & Range Transition Zone.

Signature: [Signature]

Date: 2-12-80

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. 4-12823 Well No 1-2

1. The location appears potentially valuable for:

- ☐ strip mining\*
- ☐ underground mining\*\*
- ☒ has no known potential.

2. The proposed area is

- ☐ under a Federal lease for \_\_\_\_\_ under the jurisdiction of this office.
- ☒ not under a Federal lease under the jurisdiction of this office.
- ☐ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

\*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at \_\_\_\_\_ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

\*\*If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed

Allen J. Vance

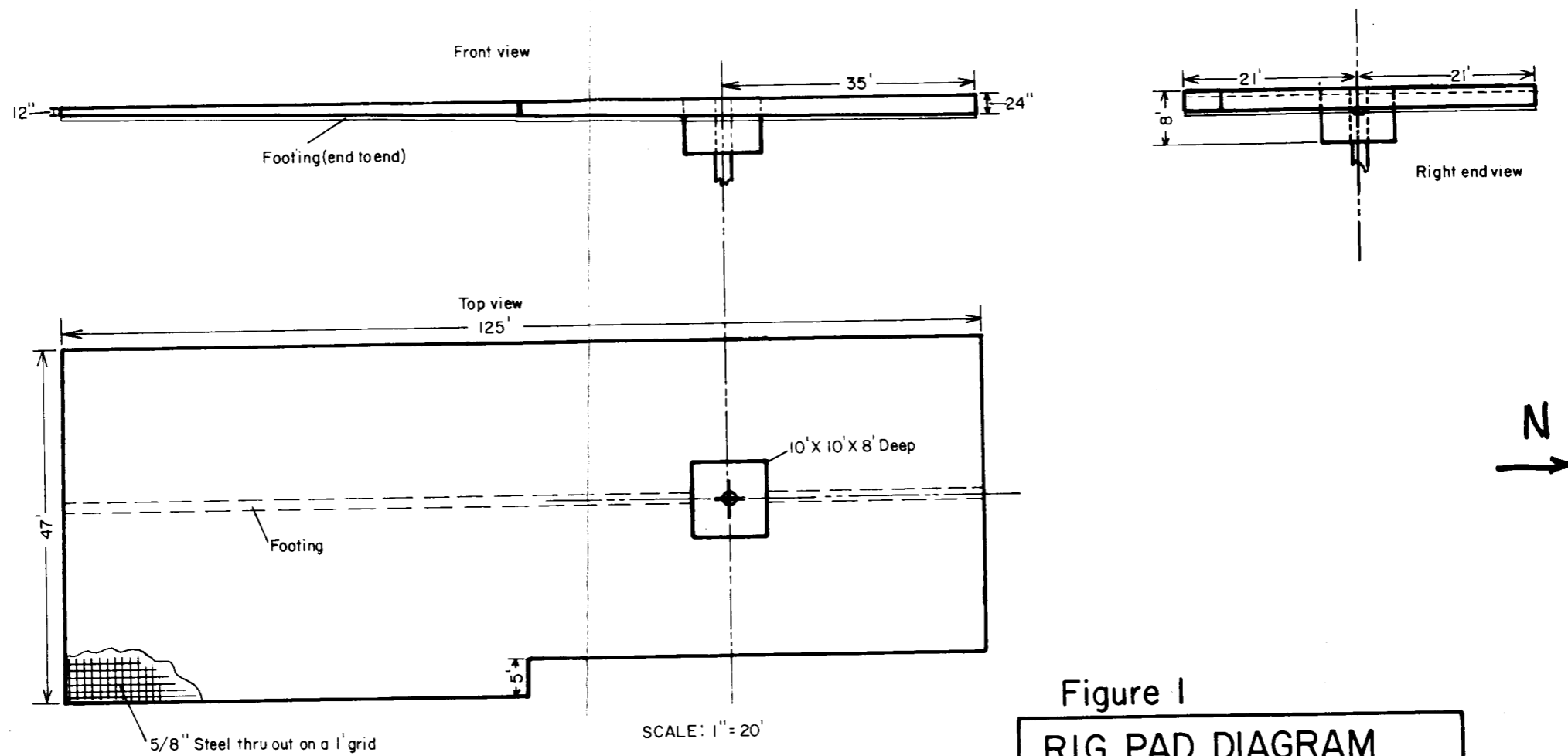


Figure 1

RIG PAD DIAGRAM  
 Placid Oil Company  
 WXC-USA 1-2  
 NW SW Sec. 24-T19S-R2W  
 Millard Co. Utah  
 NTH

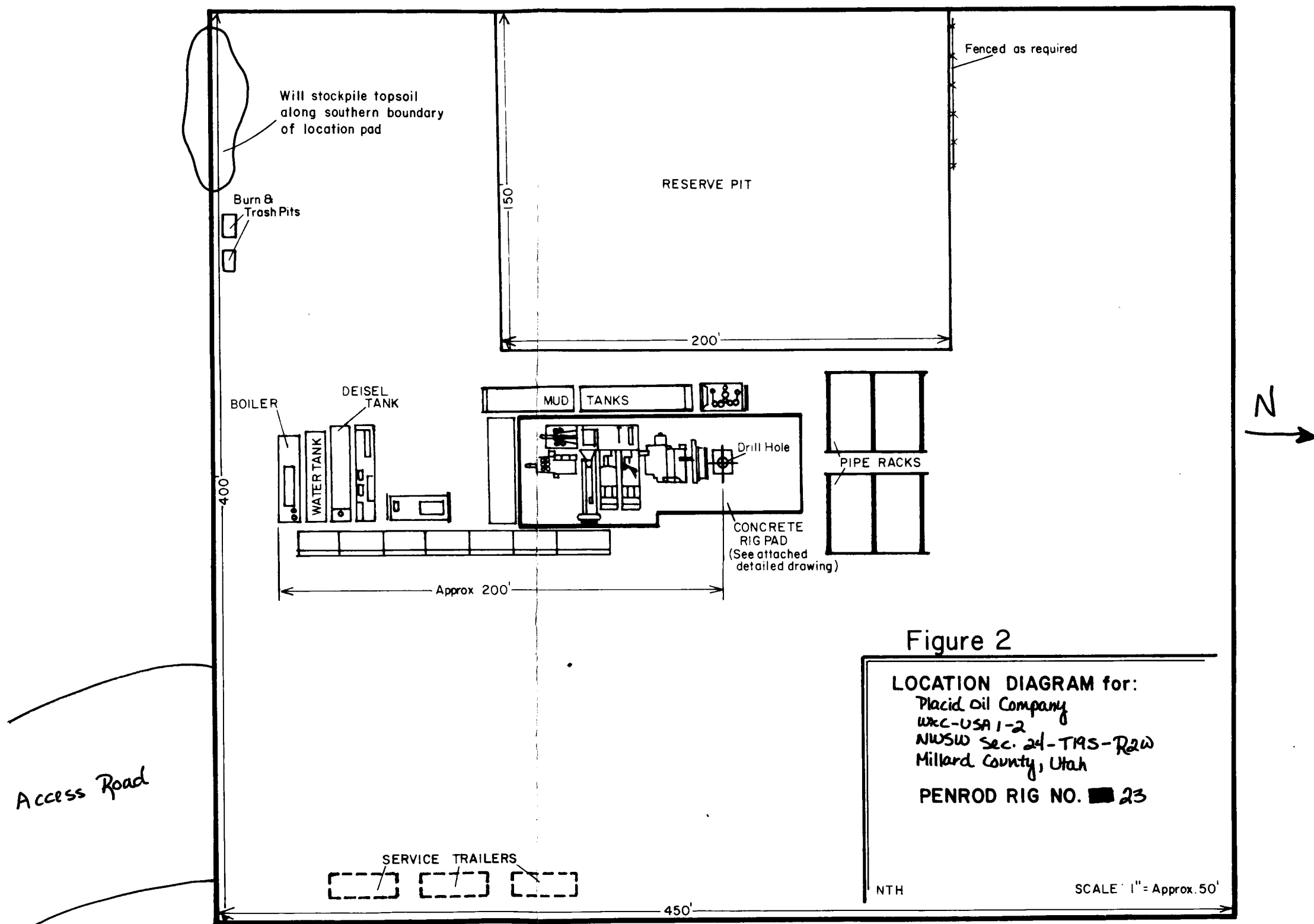
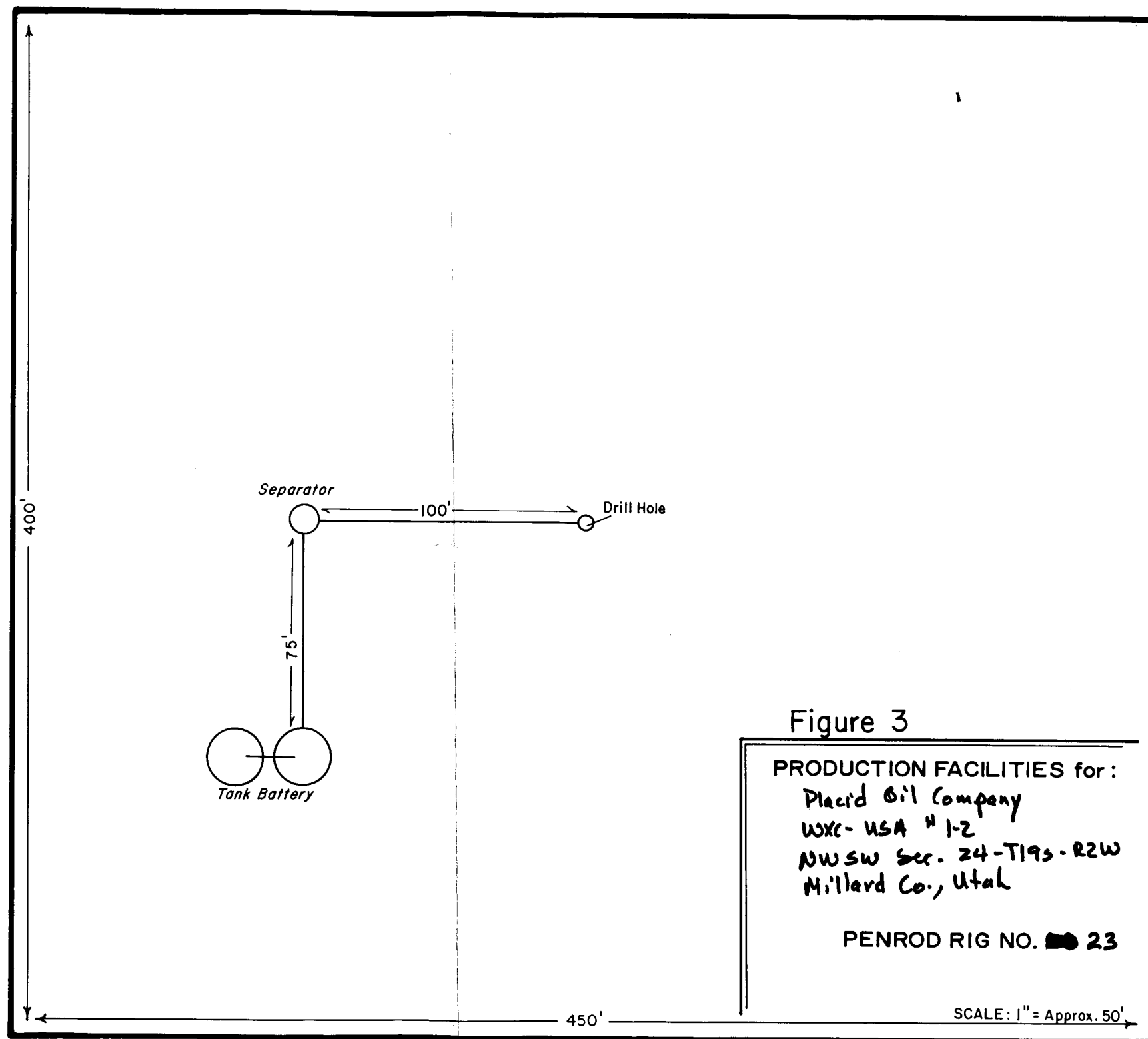


Figure 2

LOCATION DIAGRAM for:  
Placid Oil Company  
WCC-USA 1-2  
NWSW Sec. 24-T19S-R2W  
Millard County, Utah  
PENROD RIG NO. 23

NTH

SCALE: 1" = Approx. 50'



## GRANT OF RIGHT-OF-WAY AND EASEMENTS

For and in consideration of the sum of Ten (\$10.00) dollars cash, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, L.W. Gardner Company, Richfield, Utah, 84701, hereinafter called Grantor, does hereby grant and convey unto Placid Oil Company of 1600 First National Bank Building, Dallas, Texas, 75202, hereinafter referred to as Grantee, a right-of-way and easement over and across the following described lands situate in Millard County, State of Utah, to-wit:

Township 19 South, Range 2 West, SLM.  
Section 35: S $\frac{1}{2}$ NE $\frac{1}{4}$

Together with the right to construct, enlarge, widen, surface, maintain, and make such other improvements to a road across the above described lands as Grantee may deem necessary and convenient for ingress and egress of Grantee's water vehicles, trucks, drilling equipment and all other associated equipment.

As additional consideration for the use of said right-of-way and easement herein granted, Grantee agrees to pay to Grantor the sum of Two-hundred (\$200.00) dollars per annum for so long as said right-of-way and easement is retained by Grantee. Said sum shall be deposited to the credit of Grantor on or before September 6 annually beginning September 6, 1980, in the

Zions First National Bank at Spanish Fork, Utah  
Utah, which said bank and its successors shall be agents for Grantor for the purpose of accepting said rental payments and shall continue as the depository for all rentals payable hereunder regardless of changes in ownership of said lands or said rentals. Payment or tender of rental by Grantee may be made by the check or draft of Grantee mailed or delivered to said Bank on or before the date payment is due. If such Bank or any successor Bank should fail, liquidate or be succeeded by another Bank or for any other reason fail or refuse to accept rental, Grantee shall not be held in default for failure to make payment of rental until thirty (30) days after Grantor shall deliver to Grantee a proper recordable instrument naming another Bank or agent to receive such payments.

Unless rental payments are made as provided in paragraph three (3) hereinabove, this grant shall terminate. In the event that Grantee shall default in the performance of any other obligations set forth herein, Grantor shall notify Grantee in writing of the facts relied upon as constituting such default and Grantee, if in default, shall within thirty (30) days after receipt of such notice correct or commence to correct such default. The correction of a default once commenced shall be diligently prosecuted to completion.

Whenever by the provision of this grant notice is required to be given to either party hereinunder such notice shall be given in writing as follows:

L.W. Gardner    130 South 300 West    Richfield, Utah 84701

Placid Oil Company    1600 First National Bank Building  
Dallas, Texas 75202

The above shall control until notice of change is given to either party.

Grantee shall have the right at any time to release and relinquish the right-of-way and easement herein granted by appropriate written instrument, and upon delivery of such instrument to Grantor or said depository Bank, shall be relieved thereby of all obligations which would otherwise accrue hereinunder.

The consideration hereinabove stated hereby accepted by Grantor as payment in full for all damages whatsoever caused by Grantee in constructing and improving said road pursuant to this grant of right-of-way and easement. However, Grantee agrees to compensate Grantor for any other damages to Grantor's property or livestock which may be caused by Grantee's agents and employees pursuant to this grant of right-of-way and easement.

As limited herein, the terms hereof shall extend to and be binding upon the respective heirs, successors, and assigns of Grantor and Grantee.

IN WITNESS WHEREOF, Grantors have hereunto set their hands this 7 day of September, 1979.



L.W. Gardner as owner of L.W. Gardner Company

State of Utah

County of

On the 7 day of September, A.D., 1979, personally appeared before me L.W. Gardner as owner of L.W. Gardner Company, the signer of the above instrument, who duly acknowledged to me that he was the same.

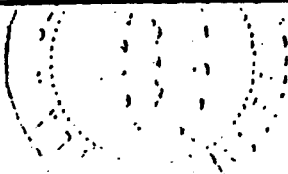
WITNESS my hand and official seal.

  
Notary Public

My commission expires:

Residing at: Richville, UT

7-10-83



# CONFIDENTIAL

\*\* FILE NOTATIONS \*\*

DATE: Thursday 8, 1980

Operator: Placid Oil Company

Well No: WXC-USA #1-2

Location: Sec. 24 T. 19S R. 2W County: Midland

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☒ API Number 43-027-30018

CHECKED BY:

Geological Engineer: \_\_\_\_\_

\_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

\_\_\_\_\_

Director: OK conditional upon any acreage w/ 660'  
Placid own 660' radius - is sending letter regarding well

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage  
within a 660' radius of proposed site ☒

Lease Designation 3d

Plotted on Map ☒

Approval Letter Written ☒

ltn

nl  
PI

February 8, 1980

Placid Oil Company  
2380 Beneficial Life Tower  
Salt Lake City, Utah 84111

Re: Well No. WXC-USX #102  
Sec. 24, T. 19S, R. 2W.,  
Millard County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that Placid Oil Company owns or controls the acreage within a 660' radius of the proposed well site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-027-30018.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm

cc: USGS

*M*

**PLACID OIL COMPANY  
2380 BENEFICIAL LIFE TOWER  
36 SOUTH STATE STREET  
SALT LAKE CITY, UTAH 84111**

February 8, 1980

**CONFIDENTIAL**

Mr. Mike Minder  
State of Utah  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

RE: Placid Oil Company  
WXC-USA #1-2  
NWSW Sec. 24-T19S-R2W  
Millard County, Utah

Dear Mr. Minder:

In reference to our request of an exceptional location for the above captioned well, Placid Oil Company owns the leases in all of Section 24-T19S-R2W. Thus, we own and control the leases with a 660' radius of the proposed location.

Sincerely,

PLACID OIL COMPANY

*Doug A. Sprinkel*  
Doug A. Sprinkel

DAS/kw

**RECEIVED**

FEB 11 1980

DIVISION OF  
OIL, GAS & MINING

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*  
 (Other instructions on  
 reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> Monthly Drilling Status for August 1980		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-13823
<b>2. NAME OF OPERATOR</b> Placid Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> 2380 Beneficial Life Tower, Salt Lake City, UT 84111		<b>7. UNIT AGREEMENT NAME</b> Cal Valley
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		<b>8. FARM OR LEASE NAME</b> WXC-USA
<b>14. PERMIT NO.</b> 43-023-30018		<b>9. WELL NO.</b> #1-2
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 6545' Gr; 6557' KB		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24-T19S-R2W
		<b>12. COUNTY OR PARISH</b> Millard
		<b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☒

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

8/8: Spudded at 5:00 a.m.

8/9-8/11: Drilling 26" hole from surface to 184'.

8/12: Opened hole to 36" from surface to 184'.

8/13: Ran 30" conductor and cemented with 16 yards Read-mix.

8/14: Drilling 17½" hole from 184' - 275'.

8/15: Lost circulation at 275'.

8/16-8/20: Drilling 17½" hole from 275' - 1123'.

8/12-8/22: Losing retruns around backside of 30" conductor. Cmt from 151' - 335' with 74 bbl Type 2 cmt.

8/23-8/25: Drilling 17½" hole 1123' - 1618'.

8/26: Fishing at 1482'.

8/27-8/31: Drilling 17½" hole from 1618' - 2302'.

**18. I hereby certify that the foregoing is true and correct**

SIGNED

*Doug A. Sprinkel*  
 Doug A. Sprinkel

TITLE

Geologist

DATE

9/2/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Monthly Drilling Status for September 1980		5. LEASE DESIGNATION AND SERIAL NO. U-13823
2. NAME OF OPERATOR Placid Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, Salt Lake City, UT 84111		7. UNIT AGREEMENT NAME Cal Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		8. FARM OR LEASE NAME WXC-USA
14. PERMIT NO. 43-023-30018		9. WELL NO. #1-2
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6545' Gr; 6557' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T19S-R2W
		12. COUNTY OR PARISH Millard
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

9/1-9/6: Fishing at 2302'

9/7-9/12: Drilling 17½" hole from 2302' - 2673'.

9/13: Ran electrical logs: DIL - 184' - 2671'

FDC-CNL - 184' - 2671'

9/14-9/25: Open hole to 26" from 184' - 1705'.

9/26: Fishing from 1980' - 2355'.

9/27-9/30: Open hole to 26" from 1705' - 2016'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE

Geologist

DATE

10/1/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

IN TRIPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for October 1980</b>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-13823
<b>2. NAME OF OPERATOR</b> Placid Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> 2380 Beneficial Life Tower, Salt Lake City, UT 84111		<b>7. UNIT AGREEMENT NAME</b> Cal Valley
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</b>  1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		<b>8. FARM OR LEASE NAME</b> WXC-USA
<b>14. PERMIT NO.</b> 43-023-30018		<b>9. WELL NO.</b> #1-2
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> 6545' Gr; 6577' KB		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24-T19S-R2W (NWSW)
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</b>		<b>12. COUNTY OR PARISH</b> Millard
<b>18. I hereby certify that the foregoing is true and correct</b>		<b>13. STATE</b> Utah

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐☒

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

10/1-10/12: Open hole to 26" from 2016' - 2675'.

10/13-10/14: Ran 20" csg. to 2675'. Set csg. with 2725 sx Howco Lite followed by 600 sx Class "H".

10/15-10/16: Making rig repairs while waiting on cmt.

10/17-10/18: Drilled cmt from 2619' - 2675'.

10/19-10/31: Drilling 14 3/4" hole from 2675' to 4403'.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Doug A. Sprinkel*  
Doug A. Sprinkel

TITLE Geologist

DATE 11/4/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING**SUNDRY NOTICES AND REPORTS ON WELLS**(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for November 1980		5. LEASE DESIGNATION AND SERIAL NO. U-13823
2. NAME OF OPERATOR Placid Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, Salt Lake City, UT 84111		7. UNIT AGREEMENT NAME Cal Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		8. FARM OR LEASE NAME WXC-USA
14. PERMIT NO. 43-023-30018		9. WELL NO. #1-2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6545' Fr; 6577' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T19S-R2W (NWSW)
		12. COUNTY OR PARISH Millard
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11/1-11/4: Drilled 14 3/4" hole from 4439' to 4795'.

11/5-11/9: Fishing

11/10-11/12: Drilled from 4820' to 5124'.

11/13: Ran Logs: DIL-MSFL: 2678' - 5129'  
 Sonic: 2678' - 5129'  
 FDC-CNL: 2678' - 5129'  
 Dipmeter: 2678' - 5130'

Shot cores at: 5023', 5022', 5021', 4801', 4799',  
 4610', 4543', 4586', 4446', 4424'.

11/14-11/30: Drilled from 5274' to 6935'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE Geologist

DATE 12/2/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1.</b> <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for December 1980		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-13823	
<b>2. NAME OF OPERATOR</b> Placid Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> _____	
<b>3. ADDRESS OF OPERATOR</b> 2380 Beneficial Life Tower, Salt Lake City, UT 84111		<b>7. UNIT AGREEMENT NAME</b> Cal Valley	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		<b>8. FARM OR LEASE NAME</b> WXC-USA	
<b>14. PERMIT NO.</b> 43-023-30018		<b>9. WELL NO.</b> #1-2	
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 6545' Gr; 6577' KB		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat	
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24-T19S-R2W (NWSW)	
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS</b> (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		<b>12. COUNTY OR PARISH</b> Millard	
_____		<b>13. STATE</b> Utah	

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	XX <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

12/1-12/8: Drilled 14 3/4" hole from 6935' to 7560'.

12/9-12/13: Fishing

12/14-12/17: Milling on junk.

12/18-12/20: Fishing

12/21-12/31: Drilled from 7590' to 8105'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE Geologist

DATE 1/6/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

**SUBMIT IN TRIPLICATE\***  
 (Other instructions on  
 reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for January 1981</b> <b>2. NAME OF OPERATOR</b> Placid Oil Company <b>3. ADDRESS OF OPERATOR</b> 2380 Beneficial Life Tower, Salt Lake City, UT 84111 <b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b> See also space 17 below.) At surface 1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-13823 <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b> Cal Valley <b>8. FARM OR LEASE NAME</b> WXC-USA <b>9. WELL NO.</b> #1-2 <b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat <b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24-T19S-R2W (NWSW)
<b>14. PERMIT NO.</b> 43-023-30018	<b>15. ELEVATIONS (Show whether DS, RT, GR, etc.)</b> 6545' Gr; 6577' KB	<b>12. COUNTY OR PARISH</b> Millard <b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \***

1/1-1/2: Drilled 14 3/4" hole from 7560' to 8373'.

1/3-1/5: Fishing

1/6-1/25: Drilled from 8373' to 10,018'.

1/26-1/27: Coring from 10,018' to 10,034'.

1/28-1/29: Ran DST from 9952' - 10,040'.

1/30-1/31: Drilled from 10,040' to 10,230'.

FEB 6 1981

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Doug A. Sprinke*

TITLE Geologist

DATE 2/2/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for February 1981		5. LEASE DESIGNATION AND SERIAL NO. U-13823
2. NAME OF OPERATOR Placid Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, Salt Lake City, UT 84111		7. UNIT AGREEMENT NAME Cal Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W		8. FARM OR LEASE NAME WXC-USA
14. PERMIT NO. 43-023-30018		9. WELL NO. #1-2
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6545' Gr.; 6577' Kb.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T19S-R2W
		12. COUNTY OR PARISH Millard
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 2/1: Cut core #2 from 10,230' - 10,248.  
 2/2: Drilled 14 3/4" hole from 10,230' - 10,260'.  
 2/3: Ran DST #2 from 10,190' - 10,260'.  
 2/4-2/28: Drilled 14 3/4" hole from 10,260' - 13,043'.

RECEIVED

MAR 2 1981

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE Geologist

DATE 3/2/81

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> Monthly Drilling Status for March 1981		5. LEASE DESIGNATION AND SERIAL NO. U-13823	
2. NAME OF OPERATOR Placid Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, Salt Lake City, UT 84111		7. UNIT AGREEMENT NAME Cal Valley	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)		8. FARM OR LEASE NAME WXC-USA	
14. PERMIT NO. 43-023-30018		9. WELL NO. #1-2	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6545' Gr.; 6577' Kb.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 24-T19S-R2W (NWSW)	
		12. COUNTY OR PARISH Millard	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

3/1: Drilled 14 3/4" hole from 13,043' to 13,121'.

3/2-3/3: Ran Logs: BHC Sonic: 4,900' - 13,123'  
 DLL-MSFL: 2,700' - 13,121'  
 FDC-CNL: 4,900' - 13,121'  
 Dipmeter: 4,900' - 13,121'

3/4-3/7: Ran 10 3/4" csg. at 13,121' set with 3000 sx Halco Lite cmt.

3/8-3/10: Drilled 9 1/2" hole from 13,125' to 13,209'.

3/11: DST #3 from 13,125' to 13,209'.

3/12-3/31: Drilled 9 1/2" hole from 13,245' to 16,315'.

RECEIVED

APR 2 1981

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE Geologist

DATE 4/1/81

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-13823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Cal Valley

8. FARM OR LEASE NAME

WXC-USA

9. WELL NO.

#1-2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N., OR S.E. AND  
SURVEY OR AREA

Sec. 24-T19S-R2W (NWSW)

1. OIL WELL ☐ GAS WELL ☒ OTHER Monthly Drilling Status for April 1981

2. NAME OF OPERATOR

Placid Oil Company

3. ADDRESS OF OPERATOR

2380 Beneficial Life Tower, Salt Lake City, UT 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW)

14. PERMIT NO.

43-023-30018

15. ELEVATIONS (Show whether SP, RT, OR, etc.)

6545' Gr.; 6577' Kb.

12. COUNTY OR PARISH

Millard

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

4/1-4/2: Drilled 9½" hole from 16,315' to 16,388'.

4/3-4/5: Repaired Rig.

4/6-4/22: Drilled 9½" hole from 16,388' to 17,774'.

4/23: Ran Logs: BHC Sonic: 13,116' - 17,722'  
FDC-CNL: 13,116' - 17,722'  
Dipmeter: 13,116' - 17,722'  
DLL/MSFL: 13,116' - 17,722'

4/26: Ran 8 5/8" csg. at 17,757' with 1350 sx of 50-50 POZ cmt.

4/27: Drilled cmt. from 12,647' - 12,807'.

4/28-4/30: Drilled 7½" hole from 17,757' to 17,861'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Doug A. Sprinkel

TITLE Geologist

DATE 5/4/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Monthly Drilling Status for May 1981</b> <b>2. NAME OF OPERATOR</b> Placid Oil Company <b>3. ADDRESS OF OPERATOR</b> 2380 Beneficial Life Tower, Salt Lake City, UT 84111 <b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b> See also space 17 below.) At surface  1800.0' FSL; 1220' FWL; Sec. 24-T19S-R2W (NWSW) <b>14. PERMIT NO.</b> 43-023-30018 <b>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</b> 6545' Gr.; 6577' Kb.		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-13823 <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b> Cal Valley <b>8. FARM OR LEASE NAME</b> WXC-USA <b>9. WELL NO.</b> #1-2 <b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat <b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24-T19S-R2W (NWSW) <b>12. COUNTY OR PARISH</b> Millard <b>13. STATE</b> Utah
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**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\***

5/1-5/3: Drilling 7½" hole from 17,861' - 17,897'.

5/4-5/5: Milling on junk.

5/6-5/14: Drilling 7½" hole from 17,990' - 18,258'.

5/15-5/23: Reaming from 18,216' - 18,258'.

5/24-5/25: Ran Logs: DLL: 17,757' - 18,146'  
 BHC Sonic: 17,757' - 18,145'  
 Dipmeter: 17,757' - 18,147'  
 CNL: 17,157' - 19,147'

5/26: Set pkrs. at 17,684'.

5/27-5/28: Plugged: #1 17,650' - 18,266', set with 225 sx Class "H" cmt.  
 #2 12,757' - 12,957', set with 80 sx Class "H" cmt.  
 #3 7,000' - 7,200', set with 100 sx Class "H" cmt.  
 #4 3,500' - 3,700', set with 100 sx Class "H" cmt.  
 #5 200' - Surface, set with 100 sx Class "H" cmt.

Ran DST from 17,684' - 18,266', recovered 11 bbl rathole mud.

5/29: Cut top of csg. off in cellar, welded metal plate over csg. abandoned well.  
 Reg. dry hole marker will be placed on metal plate. Rig Rel. 5/29/81 at 10:00am.

**18. I hereby certify that the foregoing is true and correct**

SIGNED

Doug A. Sprinkel

TITLE

Geologist

DATE 6/1/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R555.

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-13823	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR Placid Oil Company				7. UNIT AGREEMENT NAME Cal Valley Unit	
3. ADDRESS OF OPERATOR 2380 Beneficial Life Tower, Salt Lake City, UT 84111				8. FARM OR LEASE NAME WXC-USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NWSW Sec. 24-T19S-R2W At top prod. interval reported below Same At total depth Same				9. WELL NO. #1-2	
14. PERMIT NO. 43-027-30018				10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 2/8/80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NWSW Sec. 24-T19S-R2W	
15. DATE SPUDDED 8/8/80		16. DATE T.D. REACHED 5/20/81		12. COUNTY OR PARISH Millard	
17. DATE COMPL. (Ready to prod.) 5/29/81 (Dry Hole)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6577 Kb., 6545 Gr.		13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 18,266		21. PLUG, BACK T.D., MD & TVD --		19. ELEV. CASINGHEAD --	
22. IF MULTIPLE COMPL., HOW MANY* None		23. INTERVALS DRILLED BY -->		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None - This is a Dry Hole.	
25. ROTARY TOOLS Surface to T. D.		26. CABLE TOOLS --		27. WAS DIRECTIONAL SURVEY MADE Yes	
28. CASING RECORD (Report all strings set in well)				27. WAS WELL CORED Yes	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"	375 Gr. "B"	184'	36"	Cmt w/16 yds. Readi-mix	None
20"	133 K55 "B"	2,675'	26"	Set W/2725 sx Howco Lite	None
				follow by 600 sx Class "H"	
10 3/4"	60.7 P110 "B"	13,121'	12 1/4"	Set w/3000 sx Howco Lite	None
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
9 1/2"	12,807	17,757	1350 sx 50-50		
			Poz cmt.		
31. PERFORATION RECORD (Interval, size and number) N/A			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) N/A AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Steve Crook</u>		TITLE <u>Geologist</u>		DATE <u>6/22/81</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #1 Paleozoics	9,952	10,040	IH - 4665.2 FH - 4648.7 IF - 175.7-903.7 -- 30 Min. ISI - 3780.9 -- 60 Min. FF - 933.0-2775.2 -- 120 Min. FSI - 3778.9 -- 60 Min. Recovered 90' of Rat hole mud. Recovered 120' water cut mud Recovered 6054' fresh water	North Horn Cretaceous Paleozoic Thrust Fault Twin Creek Thrust Fault Twin Creek	Surface 2,054 6,130 13,335 13,335 17,110 17,110	
DST #2 Paleozoics	10,190'	10,260'	IH - 4816.1 FH - 4745.8 IF - 403.7-1877.8 -- 30 Min. ISI - 3878.1 -- 60 Min. FF - 1942.0-3811.9 -- 90 Min. FSI - 3876.0 -- 60 Min. Recovered 62' of Rat hole mud. Recovered 1196' water cut Rat hole mud. Recovered 7339' fresh water			

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #3 Paleozoics	13,110	13,209	IH - 5950.9			
			FH - 5927.9			
			IF - 145.7-154.5			
			ISI - 997.1			
			FF - 174.9-174.9			
			FSI - 755.1			
DST #4 Twin Creek	17,684'	18,266'	Recovered 195' slightly gas cut Rat hole mud.			
			IH - 8612.5			
			FH - 8589.7			
			IF - 2644.5-2893.0			
			ISI - 5149.4			
			FF - 2913.3-3175.7			
			FSI - 5591.9			
			Recovered 11 bbls of Rat hole mud.			



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1982

Placid Oil Company  
2380 Beneficial Life Tower  
Salt Lake City, Utah 84111

Re: Well No. WXC-USA #1-2  
Sec. 24, T. 19S, R. 2W  
Millard County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office June 22, 1981, from above referred to well, indicates the following electric logs were run: DLL/MSFL, FDC/CNL, BHC Sonic, Dipmeter. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

**PLACID OIL COMPANY  
136 EAST SOUTH TEMPLE  
2300 UNIVERSITY CLUB BUILDING  
SALT LAKE CITY, UTAH 84111**

January 20, 1982

Mr. Mike Minder  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

RE: PLACID OIL COMPANY  
WXC-USA #1-2  
NWSW SEC. 24, T19S, R2W  
MILLARD COUNTY, UTAH

Dear Mr. Minder:

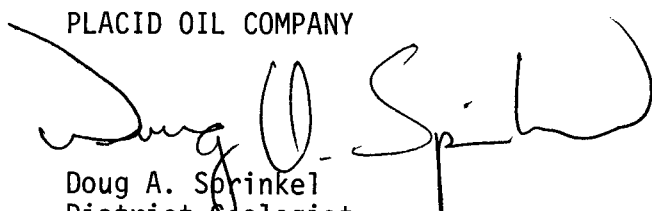
Enclosed are the following logs relative to the above captioned well:

- 1) Dual Laterolog MSFL
- 2) Dual Induction-SFL
- 3) Borehole Compensated Sonic
- 4) FDC-CNL
- 5) Dipmeters

If you have any questions, please feel free to contact me. Thank you.

Sincerely,

PLACID OIL COMPANY

  
Doug A. Sprinkel  
District Geologist

DAS/dew

Enclosures

**PLACID OIL COMPANY**  
**2380 BENEFICIAL LIFE TOWER**  
**36 SOUTH STATE STREET**  
**SALT LAKE CITY, UTAH 84111**

RECEIVED  
JUN 23 1981

June 22, 1981

DIVISION OF  
OIL, GAS & MINING

Mr. Mike Minder  
State of Utah  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

*Confidential*

RE: PLACID OIL COMPANY  
WXC-USA #1-2  
NWSW Sec. 24-T19S-R2W  
Millard County, Utah

Dear Mr. Minder:

Enclosed is the completion report for the above  
captioned well.

A set of E-logs will be forwarded to the  
State of Utah upon Placid's receipt of the final  
prints.

Sincerely,

*Steve Crook*

Steve Crook  
Geologist

SC/mcw

Enclosures



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 1, 1982

Placid Oil Company  
2380 Beneficial Life Tower  
Salt Lake City, Utah 84111

Re: Well No. WXC-USA #1-2  
Sec. 24, T. 19S, R. 2W.  
Millard County, Utah

Gentlemen:

According To our records, a "Well Completion Report" filed with this office June 22, 1981, indicates that the well was cored; therefore, should have a core test. As of todays date, this office has not received that core test. If you have not run this test, please write and let me know that.

Rule C-5(sec. C), General Rules and Regulations and Rules of Practice and Procedure, requires that all tests shall be filed with the Commission.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

**PLACID OIL COMPANY**  
136 EAST SOUTH TEMPLE  
2300 UNIVERSITY CLUB BUILDING  
SALT LAKE CITY, UTAH 84111

April 6, 1982

State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

RE: WELL NO. WXC-USA #1-2  
SEC. 24, T 19 S, R 2 W  
MILLARD COUNTY, UTAH

Dear Sirs:

Per your letter to our office dated January 13, 1982, enclosed please find the following logs for the above referenced well:

- 1) FDC-CNL
- 2) DIL
- 3) DLL-MSFL
- 4) BHC-Sonic
- 5) Dipmeters

We have enclosed two copies of this letter. Please sign both of them at the bottom and return one copy to our office to acknowledge receipt of the enclosed logs. Thank you.

Sincerely,

PLACID OIL COMPANY

  
Doug A. Sprinkel  
District Geologist

DAS/dew

Enclosure -- Logs, Return Envelope

Date: April 7<sup>th</sup>, 1982

By: Sandy Bates

Clerk Typist (13)  
(title)

**PLACID OIL COMPANY  
136 EAST SOUTH TEMPLE  
2300 UNIVERSITY CLUB BUILDING  
SALT LAKE CITY, UTAH 84111**

April 6, 1982

State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

RE: WELL NO. WXC-USA #1-2  
SEC. 24, T 19 S, R 2 W  
MILLARD COUNTY, UTAH

Dear Sirs:

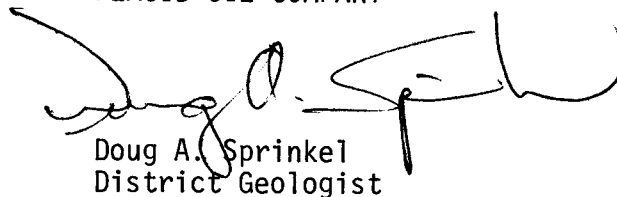
With regard to your letter of April 1, 1982, concerning the above referenced well, two conventional cores were cut in the well. Neither of the cores was sent out for core analysis, thus, we have the on-site geologist's description of both cores. The description is as follows:

- Core 1: 10,018' to 10,034'  
100% dolomite, medium gray, tight, a few calcite-filled fractures
- Core 2: 10,230' to 10,248'  
100% dolomite, medium to dark gray, tight, abundant fractures--some calcite-filled and some open

Thank you.

Sincerely,

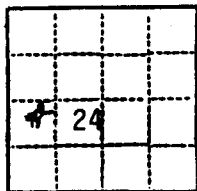
PLACID OIL COMPANY

  
Doug A. Sprinkel  
District Geologist

**RECEIVED**  
DAS/dew  
APR 07 1982

**DIVISION OF  
OIL, GAS & MINING**

43-027-30018

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISIONSec. 24  
T. 19 S  
R. 2 W  
SLB&  
Mer.

## INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date March 5, 1984

Ref. No. \_\_\_\_\_

Land office Utah State Utah  
Serial No. 13823 County Millard  
Lessee Placid Oil Company Field Wildcat  
Operator Placid Oil Company District Richfield  
Well No. 1-2 Subdivision NW SW  
Location 1800' FSL & 1220' FWL

Drilling approved April 10, 19 80 Well elevation 6545 GR feet  
Drilling commenced August 8, 19 80 Total depth 19266 feet  
Drilling ceased May 20, 19 81 Initial production Dry  
Oral to Abandon  
~~Completed for production~~ May 22, 19 81 Gravity A. P. I. \_\_\_\_\_  
Abandonment approved Aug 28, 19 81 Initial R. P. \_\_\_\_\_

## Geologic Formations

## Productive Horizons

Surface	Lowest tested	Name	Depths	Contents
North Horn	Twin Creek			

## WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1980								Spud				
1981					TD 18266 Abd							
1987								P+A				

## REMARKS

Geologic Markers: See Well File IN STORAGE CAGE

Casing Record: 30" cc @ 184' w/16 yds

20" cc @ 2675' w/2725 sxs

10 3/4" cc @ 13121' w/3000 sxs